

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



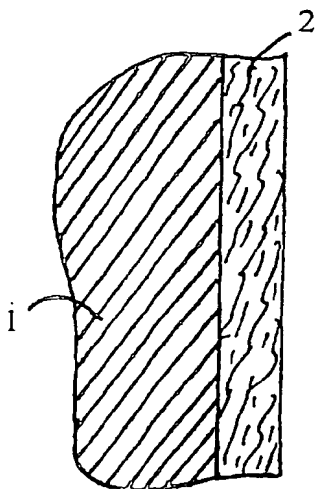
(43) International Publication Date
31 December 2003 (31.12.2003)

PCT

(10) International Publication Number
WO 2004/000239 A1

- (51) International Patent Classification⁷: **A61K 6/06**,
C04B 28/06
- (21) International Application Number:
PCT/SE2003/000954
- (22) International Filing Date: 11 June 2003 (11.06.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
0201920-6 20 June 2002 (20.06.2002) SE
0201921-4 20 June 2002 (20.06.2002) SE
0202998-1 9 October 2002 (09.10.2002) SE
- (71) Applicant (for all designated States except US): **DOXA AKTIEBOLAG** [SE/SE]; Axel Johanssons Gata 4-6, Kristallen, S-754 51 Uppsala (SE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **HERMANSSON, Leif** [SE/SE]; Stenbrohultsvägen 20, 3 tr, S-757 58 Uppsala (SE). **KRAFT, Lars** [SE/SE]; Ullsaxvägen 17, S-756 48 Uppsala (SE). **ENGQVIST, Håkan** [SE/SE]; Margaretaavägen 12, S-741 44 Knivsta (SE). **AHNFELT, Nils-Otto** [SE/SE]; Nordhemsvägen 5A, S-756 46 Uppsala (SE). **LÖÖF, Jesper** [SE/SE]; Luthagsplanaden 26B, S-752
- (74) Agents: **KYLIN, Peter** et al.; Hynell Patenttjänst AB, Patron Carls väg 2, S-683 40 Hagfors/Uddeholm (SE).
- (81) Designated States (national): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **SYSTEM FOR A DENTAL FILLING MATERIAL OR IMPLANT MATERIAL, AND POWDERED MATERIAL, HYDRATION LIQUID, IMPLANT MATERIAL AND METHOD OF ACHIEVING BONDING**



(57) Abstract: A system for a dental filling material or an implant material, alternatively a system for bonding between a tooth or a bone and a dental filling material and a implant material, respectively, which system comprises a water based hydration liquid and a powdered material, the binder phase of which powdered material essentially consisting of a calcium based cement system, which powdered material has the capacity following saturation with the liquid reacting with the binder phase to hydrate to a chemically bonded ceramic material. According to the invention, said powdered material and/or said hydration liquid comprises water soluble phosphate or a phase that has the capacity to form water soluble phosphate, whereby the system exhibits the capacity during hydration to form apatite. The invention also relates to the powdered material and the hydration liquid as such, an implant material and a method of achieving bonding.

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